

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7192	image and analysis and ultraviolet and edge\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 12:57
S2	224	image and analysis and ultraviolet and edge\$2 and machine near vision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 12:58
S3	87	image and analysis and ultraviolet and edge\$2 and machine near vision and integrated and circuits	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 12:58
S4	116	image and analysis and ultraviolet and edge\$2 and machine near vision and integrated and circuit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 13:50
S5	9	image near analysis and ultraviolet and connection near pad\$2 and camera and integrated and circuit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 14:52
S6	282	(ultraviolet near light) and image near analysis and defect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:40
S7	170	(ultraviolet near light) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:53
S8	2	(ultraviolet near light) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:58

## EAST Search History

S9	0	(compar\$4 or match\$3) same (ultraviolet near light) and (visible near image) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:59
S10	0	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:59
S11	4555	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 15:59
S12	0	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:00
S13	0	(compar\$4 or match\$3) same (ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:00
S14	1	(compar\$4 or match\$3) and (ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:01
S15	1	(ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:01
S16	17	(ultraviolet near light) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:04

## EAST Search History

S17	0	(ultraviolet near light) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:04
S18	0	(ultraviolet near light) and image and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:05
S19	0	(ultraviolet near light) and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:05
S20	0	(ultraviolet ) and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:09
S21	0	(image near analysis) and (different same lightning same condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:10
S22	69	(image near analysis) and (different same light\$5 same condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:16
S23	3	(image near analysis) and (different near light\$5 near condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:16
S24	15	(image near analysis) and (different near light\$5 near condition\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:29
S25	7	("4533947"   "4641349"   "4731745"   "4771469"   "4780907"   "4839807"   "4851984").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 16:28

## EAST Search History

S26	9	(different near light\$5 near condition\$2) and ultraviolet and defect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:31
S27	135	(different near light\$5 near condition\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:31
S28	90	(different near light\$5 near condition\$2) and ultraviolet and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:31
S29	2549	382/141-147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 15:13
S30	172	382/141-147.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 15:16
S31	1	382/141-147.ccls. and ultraviolet and (edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 15:17
S32	354	ultraviolet and (edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 15:18
S33	10	ultraviolet and ((determin\$4 or calculat\$3) near edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 17:28

## EAST Search History

S34	15988	700/95-212.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 17:28
S35	413	700/95-212.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 18:43
S36	476	29/833.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 18:43
S37	47	ultraviolet and block near visible same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 11:40
S38	1480	348/86,87,92,94,95,125-128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 11:50
S39	69	348/86,87,92,94,95,125-128.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 11:51
S40	39	348/86,87,92,94,95,125-128.ccls. and ultraviolet and edge\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 11:51
S41	1	block near ultraviolet near light same filter and "410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:22

## EAST Search History

S42	9	block near ultraviolet near light same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:24
S43	10	block near ultraviolet and filter and camera and "410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:39
S44	1	ultraviolet and 390nm and visible and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:42
S45	1	ultraviolet and 390nm and violet and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:42
S46	0	ultraviolet near range and 390nm and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 13:42
S47	1	ultraviolet same range and 390nm and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:19
S48	506388	ultraviolet and below near "390" nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:21
S49	0	ultraviolet and below near 390nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:20

## EAST Search History

S50	506387	ultraviolet and light and below near "390" nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:21
S51	40	ultraviolet and light and below near "390"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:24
S52	147	ultraviolet and light and visible near light near blocking and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:28
S53	36	ultraviolet near light and visible near light near blocking and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 14:30
S54	3	ultraviolet near light and visible near light near blocking and filter and "390"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 15:24
S55	2	ultraviolet near (light or radoation\$2) near images same advantage\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 15:24
S56	8	("4643540"   "4753525"   "4756611"   "5481401"   "5633752"   "5703714"   "5717518"   "5737134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 17:50
S57	287	(detect\$3 or determin\$4) near edge near (object or target or subject) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 17:51
S58	20	(detect\$3 or determin\$4) near edge near (object or target or subject) and image and ultraviolet	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:41
S59	11	(detect\$3 or determin\$4) near edge near (object or target or subject) and image near difference	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:17

## EAST Search History

S60	0	(detect\$3 or determin\$4) near edge near (object or target or subject) and image near difference and (superposition\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 17:59
S61	232	image near difference and (superposition\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 17:59
S62	26	image near difference and (superposition\$4) and defects	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:01
S63	47	image near difference and (superposition\$4) near image\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:01
S64	11	(detect\$3 or determin\$4) near (edge or corner) near (object or target or subject) and image near difference	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:22
S65	110	image\$2 near (differen\$4 or compar\$4 or subtract\$4) and (detect\$4 or determin\$4 or obtain\$3 or find\$3) near (edge or corner) near (object or target or person or tray)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 18:44
S66	0	superposition\$3 near (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 12:50
S67	26	superposition\$3 same(detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 12:50
S68	26	superposition\$3 same (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:01
S69	531	superposition\$3 and (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:01



## EAST Search History

S70	201	superposition\$3 same image\$2 and (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:03
S71	8283	superposition\$3 same image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 13:03
S72	101	("5909270" "6089716" "6134294" "6350031" "6460997" "6412183" "5508844" "4868652" "5831725" "4260893" "4587555" "4604649" "4890918" "6046859" "6115146" "6405132" "4246516" "4251748" "4334773" "4353005" "4370914" "4386848" "4389670" "4447719" "4477079" "4486955" "4527880" "4772128" "4910429" "4922801" "5191411" "5198849" RE34345 "5379967" "5430282" "5586063" "5642299" "5666576" "5680217" "5684562" "5754897" "5784653" "5816096" "5825016" "5936728" "5999661" "6043876" "6069692" "6075557" "6091345").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 15:09
S73	4785	(light or radiation\$2) same (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/04 11:04
S74	837	(light or radiation\$2) same (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/04 11:05
S75	515	(light or radiation\$2) near (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/04 11:39

## EAST Search History

S76	448	(light or radiation\$2) near (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet and image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/04 11:39
S77	2	("5481401").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/12 14:22
S78	2	("5101276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/12 14:22
S79	13	("3124682"   "4751571"   "4771020"   "4786155"   "4911543"   "4961636"   "5103341"   "5144475"   "5260578"   "5260825"   "5307202"   "Re33883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 16:28
S80	20	("3124682"   "3533683"   "3624400"   "3699341"   "3743825"   "3748471"   "3820870"   "4200251"   "4249797"   "4266129"   "4303340"   "4467190"   "4484498"   "4524385"   "4594507"   "4596930"   "4679068").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 16:54
S81	23	("4786155").URPN.	USPAT	OR	OFF	2007/01/12 17:07
S82	6001	ultraviolet same visible and microscop\$4	USPAT	OR	OFF	2007/01/12 17:08
S83	2457	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2)	USPAT	OR	OFF	2007/01/12 17:08
S84	440	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2) and image near process\$3	USPAT	OR	OFF	2007/01/12 17:25
S87	4787	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/12 17:26
S88	391	ultraviolet same visible same light\$2 and microscop\$4 and (edge\$2 or corner\$2) and image\$2 near process\$3	USPAT	OR	OFF	2007/01/12 17:28

## EAST Search History

S89	70	ultraviolet same visible same light\$2 and microscop\$4 and (edge\$2 or corner\$2) near5 (calculat\$3 or detect\$3 or find\$3) and image\$2 near process\$3	USPAT	OR	OFF	2007/01/12 17:29
S90	275	ultraviolet same visible and (edge\$2 or corner\$2) near5 (calculat\$3 or detect\$3 or find\$3) and image\$2 near process\$3	USPAT	OR	OFF	2007/01/12 17:29
S91	1	("5750997").URPN.	USPAT	OR	OFF	2007/01/12 17:51
S92	10024	image and analysis and ultraviolet and edge\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S93	334	image and analysis and ultraviolet and edge\$2 and machine near vision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S94	144	image and analysis and ultraviolet and edge\$2 and machine near vision and integrated and circuits	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S95	182	image and analysis and ultraviolet and edge\$2 and machine near vision and integrated and circuit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S96	9	image near analysis and ultraviolet and connection near pad\$2 and camera and integrated and circuit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S97	388	(ultraviolet near light) and image near analysis and defect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23

## EAST Search History

S98	227	(ultraviolet near light) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S99	8	(ultraviolet near light) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 0	0	(compar\$4 or match\$3) same (ultraviolet near light) and (visible near image) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 1	0	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 and (mutiple or two or plural\$4) near light near source\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 2	5543	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 3	0	(compar\$4 or match\$3) same (ultraviolet near light) same(visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 4	0	(compar\$4 or match\$3) same (ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 5	1	(compar\$4 or match\$3) and (ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23

## EAST Search History

S10 6	1	(ultraviolet near light) and (visible near image) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 7	30	(ultraviolet near light) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 8	0	(ultraviolet near light) and image and defect\$2 and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S10 9	0	(ultraviolet near light) and image and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S11 0	0	(ultraviolet near light) and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:23
S11 1	0	(ultraviolet ) and (chang\$3 or flip\$4 or mov\$3 or jump\$3) near (other or another) near light near source\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 2	0	(image near analysis) and (different same lightning same condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 3	108	(image near analysis) and (different same light\$5 same condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S11 4	12	(image near analysis) and (different near light\$5 near condition\$2) and defect\$2 and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 5	29	(image near analysis) and (different near light\$5 near condition\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 6	7	("4533947"   "4641349"   "4731745"   "4771469"   "4780907"   "4839807"   "4851984").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S11 7	21	(different near light\$5 near condition\$2) and ultraviolet and defect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 8	214	(different near light\$5 near condition\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S11 9	146	(different near light\$5 near condition\$2) and ultraviolet and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 0	3138	382/141-147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 1	258	382/141-147.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 2	1	382/141-147.ccls. and ultraviolet and (edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S12 3	480	ultraviolet and (edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 4	11	ultraviolet and ((determin\$4 or calculat\$3) near edge\$2 near (object or target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 5	18762	700/95-212.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 6	560	700/95-212.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 7	560	29/833.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 8	68	ultraviolet and block near visible same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S12 9	1604	348/86,87,92,94,95,125-128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 0	76	348/86,87,92,94,95,125-128.ccls. and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S13 1	41	348/86,87,92,94,95,125-128.ccls. and ultraviolet and edge\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 2	1	block near ultraviolet near light same filter and "410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 3	16	block near ultraviolet near light same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 4	10	block near ultraviolet and filter and camera and "410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 5	1	ultraviolet and 390nm and visible and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 6	1	ultraviolet and 390nm and violet and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 7	0	ultraviolet near range and 390nm and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S13 8	1	ultraviolet same range and 390nm and 410nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24



## EAST Search History

S13 9	0	ultraviolet and below near 390nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 0	656267	ultraviolet and light and below near "390" nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 1	51	ultraviolet and light and below near "390"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 2	656268	ultraviolet and below near "390" nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:47
S14 3	190	ultraviolet and light and visible near light near blocking and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 4	47	ultraviolet near light and visible near light near blocking and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 5	3	ultraviolet near light and visible near light near blocking and filter and "390"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S14 6	2	ultraviolet near (light or radoation\$2) near images same advantage\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S14 7	8	("4643540"   "4753525"   "4756611"   "5481401"   "5633752"   "5703714"   "5717518"   "5737134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S14 8	392	(detect\$3 or determin\$4) near edge near (object or target or subject) and image	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S14 9	21	(detect\$3 or determin\$4) near edge near (object or target or subject) and image and ultraviolet	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 0	0	(detect\$3 or determin\$4) near edge near (object or target or subject) and image near difference and (superposition\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 1	322	image near difference and (superposition\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 2	36	image near difference and (superposition\$4) and defects	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 3	59	image near difference and (superposition\$4) near image\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 4	22	(detect\$3 or determin\$4) near edge near (object or target or subject) and image near difference	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 5	22	(detect\$3 or determin\$4) near (edge or corner) near (object or target or subject) and image near difference	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 6	157	image\$2 near (differen\$4 or compar\$4 or subtract\$4) and (detect\$4 or determin\$4 or obtain\$3 or find\$3) near (edge or corner) near (object or target or person or tray)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S15 7	0	superposition\$3 near (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S15 8	28	superposition\$3 same(detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S15 9	28	superposition\$3 same (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 0	690	superposition\$3 and (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 1	261	superposition\$3 same image\$2 and (detect\$4 or determin\$4) near edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 2	9750	superposition\$3 same image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 3	101	("5909270" "6089716" "6134294" "6350031" "6460997" "6412183" "5508844" "4868652" "5831725" "4260893" "4587555" "4604649" "4890918" "6046859" "6115146" "6405132" "4246516" "4251748" "4334773" "4353005" "4370914" "4386848" "4389670" "4447719" "4477079" "4486955" "4527880" "4772128" "4910429" "4922801" "5191411" "5198849" RE34345 "5379967" "5430282" "5586063" "5642299" "5666576" "5680217" "5684562" "5754897" "5784653" "5816096" "5825016" "5936728" "5999661" "6043876" "6069692" "6075557" "6091345").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 4	5923	(light or radiation\$2) same (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24

## EAST Search History

S16 5	1063	(light or radiation\$2) same (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 6	669	(light or radiation\$2) near (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 7	583	(light or radiation\$2) near (frequenc\$3 or wavelength\$2) and (detect\$3 or identify\$3) near (edge\$2) and ultraviolet and image\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 8	2	("5481401").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S16 9	2	("5101276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S17 0	13	("3124682"   "4751571"   "4771020"   "4786155"   "4911543"   "4961636"   "5103341"   "5144475"   "5260578"   "5260825"   "5307202"   "Re33883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S17 1	20	("3124682"   "3533683"   "3624400"   "3699341"   "3743825"   "3748471"   "3820870"   "4200251"   "4249797"   "4266129"   "4303340"   "4467190"   "4484498"   "4524385"   "4594507"   "4596930"   "4679068").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/07 17:24
S17 2	23	("4786155").URPN.	USPAT	OR	OFF	2007/09/07 17:24
S17 3	6382	ultraviolet same visible and microscop\$4	USPAT	OR	OFF	2007/09/07 17:24
S17 4	2630	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2)	USPAT	OR	OFF	2007/09/07 17:24

## EAST Search History

S17 5	474	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2) and image near process\$3	USPAT	OR	OFF	2007/09/07 17:24
S17 6	420	ultraviolet same visible same light\$2 and microscop\$4 and (edge\$2 or corner\$2) and image\$2 near process\$3	USPAT	OR	OFF	2007/09/07 17:24
S17 7	5319	ultraviolet same visible and microscop\$4 and (edge\$2 or corner\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:24
S17 8	73	ultraviolet same visible same light\$2 and microscop\$4 and (edge\$2 or corner\$2) near5 (calculat\$3 or detect\$3 or find\$3) and image\$2 near process\$3	USPAT	OR	OFF	2007/09/07 17:24
S17 9	294	ultraviolet same visible and (edge\$2 or corner\$2) near5 (calculat\$3 or detect\$3 or find\$3) and image\$2 near process\$3	USPAT	OR	OFF	2007/09/07 17:24
S18 0	1	("5750997").URPN.	USPAT	OR	OFF	2007/09/07 17:24
S18 1	159	steven near king	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:47
S18 2	1	steven near king and ultraviolet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:48
S18 3	159	steven near king	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/07 17:56
S18 4	0	(visible and ultraviolet and camera and edge).ccls.	US-PGPUB	OR	OFF	2007/09/07 17:57
S18 5	12	(visible and ultraviolet and camera and edge).clm.	US-PGPUB	OR	OFF	2007/09/07 17:57